Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & Final bill Date.....20.....

Division- Project Division Dasarahalli

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No..... Head of Account:

Name of Work : Development of Burial Ground Ward No-13,C Category Part-2

Contractor and Full Address: M/s. KRIDL,

Reference to Agreement No: CE/PD/D2/AGR/4/18-19 Dt: 16.8.18

Work Order No: BBMP/EE/PD/WO/4/16-19 Dt: 11.9.18

Job code No: 013-18-000093

Certified that the measurements were taken by me on 31/07/19 and recorded in pages 410501 to 410510

Of measurement Book No. 4106 and that the work is satisfactorily executed.

P.Code-0485

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Officer-in-charge of work

Certified that the measurements were taken by me on 31/07/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Executive Engineer
Dasarahalli Zone
Sub-Division Officer

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Gross 8687464 —
2)	Deduct amount to be held in reserve being.....percent Rs.....	
3)	Deduct amount to be held in Balance	
4)	Deduct Payment :	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....	IT 173750 —
	Amount adjusted towards cash advance recovery of	LWC 86875 —
	b) Payments cost store or other materials supplied.	CBF 8687 —
	Now made recovery of amount creditable to this/other work	FSD 434373 —
	Amount paid on this bill Cheque/Cash	Ry 98341 —
5)	Balance being unpaid value of work done held in reserve	CGST 77567 —
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	SGST 77567 —
7)	Net amount due to or from contractor	Fine 2860 —
	Unadjusted items	Ded 960,020 —
8)	Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied	Net 77,27,494 —

Contractor's Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

(For use in the Office)

1.

2.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment

Audited and admitted for Rs. 8687464/—

Passed by Cheque for Rs. 77,27,494/- (Seventy Seven lakhs twenty Seven Thousand Four hundred and ninty four only)

by accountancies 960020/-

Accounts Superintendent Executive Engineer Exe. Engineer

B.B.M.P Dasarahalli Division

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Name of Work: Development of Burial Ground Ward No-13, C Category Part-2

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.30, I. 9.4) PRED.SR 2012-13	Each BW	1.00	1900.00	1900.00	–	–	1.00	1900.00	1900.00	1.00	1900.00

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						Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) 29/I.1 PRED SR 2006-07 and as per corragandam SE PRED No. 9.1/2008-09		0.00	0.00	0.00	-	-	0.00	0.00	0.00	0.00	0.00
	0 to 50 m	Rmtr	50.00	306.00	15300.00	-	-	50.00	306.00	15300.00	50.00	15300.00
	50 to 100 m	Rmtr	50.00	400.00	20000.00	-	-	50.00	400.00	20000.00	50.00	20000.00
	100 to 150 m	Rmtr	50.00	445.00	22250.00	-	-	50.00	445.00	22250.00	50.00	22250.00
	150 to 200 m	Rmtr	50.00	470.00	23500.00	-	-	50.00	470.00	23500.00	50.00	23500.00
	200 to 250 m	Rmtr	50.00	544.00	27200.00	-	-	50.00	544.00	27200.00	50.00	27200.00
	250 to 300 m	Rmtr	50.00	583.00	29150.00	-	-	49.00	583.00	28567.00	49.00	28567.00
3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) as per corragandam SE PRED No. 2/2008-09	Rmtr	26.00	1325.00	34450.00	-	-	43.50 11.20	1325.00	25360 14840.00	43.50 11.20	25360 14840.00

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						Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
4	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	Rmtr	6.00	754.47	4526.82	–	–	6.00	754.47	4526.82	6.00	4526.82
5	Providing and fixing 175mm Borewell Cap	No.	1.00	150.00	150.00	–	–	1.00	150.00	150.00	1.00	150.00
6	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage. SE RDED Approved Rate	No	1.00	44000.00	44000.00	–	–	1.00	44000.00	44000.00	1.00	44000.00

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			Qty	Rate	Amount	Measurement Qty	Measurement Amount	Present Measurement Qty	Present Measurement Rate In Rs.	Present Measurement Amount	Up to date Qty	Up to date Amount
7	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. 50 mm dia including Collar Heavy Class	Mtr	160.00	415.00	66400.00	–	–	160.00	415.00	66400.00	160.00	66400.00
8	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 12 ,2.10.3, 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWD Electrical SR 2014-2015 (1x3x4.00 Sqmm PVC cable	Mtr	320.00	126.70	40544.00	–	–	320.00	126.70	40544.00	320.00	40544.00

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			Qty	Rate	Amount	Measurement Qty	Amount	Qty	Rate in Rs.	Amount	Up to date Qty	Amount
9	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) (As per rate approved KUWS & DB for year 2008-09	No	1.00	3000.00	3000.00	–	–	1.00	3000.00	3000.00	1.00	3000.00
10	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44,6.6.6, KPWD Electrical SR 20014-15	Mtr	1.00	302.00	302.00	–	–	1.00	302.00	302.00	1.00	302.00
11	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.P No. 55/ I No.7.4.4, 4 core 16 Sqmm KPWD Electrical SR 2014-15	Mtr	30.00	140.40	4212.00	–	–	30.00	140.40	4212.00	30.00	4212.00
12	Labour charges for laying of 1.1 K.V class UG cable KPWD Electrical SR 2014-15	Mtr	30.00	10.80	324.00	–	–	30.00	10.80	324.00	30.00	324.00
13	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR KSRB 1-2 P-7 P No. 68/ I. No. 12-d KPWD Electrical SR 2014-15	Mtr	25.00	85.00	2125.00	–	–	25.00	85.00	2125.00	25.00	2125.00

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			Qty	Rate	Amount	Measurement Qty	Measurement Amount	Qty	Rate in Rs.	Amount	Up to date Qty	Up to date Amount
14	Supplying and fixing of Class A (mealum duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class P. No. 62/ I No.7.12.1, KPWD Electrical SR 2014-15	Mtr	4.00	345.00	1380.00	–	–	4.00	345.00	1380.00	4.00	1380.00
15	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62/ I No. 7.13.2, KPWD Electrical SR 2007-08	No.	1.00	280.00	280.00	–	–	1.00	280.00	280.00	1.00	280.00
16	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, , P-55, I.No.7.1,KPWD Electrical SR 2014-15	No.	1.00	2727.00	2727.00	–	–	1.00	2727.00	2727.00	1.00	2727.00
17	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No. 45/I No 6.7.3 KPWD Electrical SR 2014-15	No.	3.00	234.00	702.00	–	–	3.00	234.00	702.00	3.00	702.00

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			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
25	*KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17*	Cum	20.25	305.64	6189.21	–	–	20.25	305.64	6189.21	20.25	6189.21
26	*Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.15 item No.3.4.2(b) PRE SR2012-13 65m Dia PRED SR P.No.14/3, 4.2*	Rmtr	75.00	88.00	6600.00	–	–	75.00	88.00	6600.00	75.00	6600.00
27	*Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour complete as per specifications, No. 6/ Item No. 2.11/ PWD SR 2016-17*	Cum	31.23	82.08	2563.67	–	–	31.23	82.08	2563.67	31.23	2563.67

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			Qty	Rate	Amount	Measurement Qty	Measurement Amount	Qty	Rate in Rs.	Amount	Up to date Qty	Up to date Amount
28	*Removal of Unserviceable Soil with Disposal KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications.*	Each	2243.00	71.96	161406.28	-	-	2243.00	71.96	161406.28	2243.00	161406.28
29	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete. - - 1.50 mtrs depth	Cumt	59.40	371.44	22063.54	-	-	59.40	371.44	22063.54	59.40	22063.54
30	KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cumt	1202.25	204.04	245306.17	-	-	1197.29	204.04	244295.13	1197.29	244295.13
31	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cumt	139.72	2283.12	318995.24	-	-	138.70	2283.12	316667.83	138.70	316667.83

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			Qty	Rate	Amount	Qty	Amount					
37	Providing and constructing load bearing wall with concrete solid blocks having block ebsity not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications. Solid concrete blocks of Size 400x200x200 mm	Mtr	328.37	1011.96	332292.25	–	–	328.89 328.37	1011.96	332823.52 332297.30	328.89 328.37	332823.52 332297.30
38	Providing and removing centering, shuttering, strutting,npropping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. For Plinth Bed	Mtr	567.32	316.44	179522.74	–	–	566.32	316.44	179207.57	566.32	179207.57
39	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.	Sqm	200.03	414.72	82957.48	–	–	200.03	414.72	82957.48	200.03	82957.48

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	43 KSRB 4-2.12 : Extra for providing throating or drip moulding to R.C.C. chajja with plastering (labour charges only) as per specifications. Specification No. KBS. (P. No. 14/ I.No. 4.21 of CSR 2016-17)	Mtr	301.20	21.60	6505.92	–	–	300.12	21.60	6482.59	300.12	6482.59	
44	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	753.94	163.08	122952.13	–	–	749.41	163.08	122214.52	749.41	122214.52	
45	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. (P.No. 107, I.No. 14.43 of SR 2016-17).	Sqm	8.48	1285.20	10901.71	–	–	8.48	1285.20	10901.71	8.48	10901.71	

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			Qty	Rate	Amount	Measurement Qty	Measurement Amount	Qty	Rate In Rs.	Amount	Up to date Qty	Up to date Amount
46	*Fabricating, supplying & erecting M.S. angular Truss of span upto 10m. The bottom & top member is provided with 50x50x6mm double equal angles, welded back to back and in between top & bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing No.CBS/ SD/K-Mantap/9/MND/97. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification. (Page No. 40 Item No. 7.30 of CSR 2015-16).*	Kgs	490.00	126.36	61916.40			490.00	126.36	61916.40	490.00	61916.40
47	Providing barbed GI wire fencing of 12x12 gauge drawn into stone pillars or iron pillars including drawing in holes wherever necessary excluding the cost of pillars but including the cost of barbed wire and binding wire etc., complete.	mtr	753.00	30.24	22770.72			752.65	30.24	22760.14	752.65	22760.14

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			Qty	Rate	Amount	Measurement		Present Measurement			Up to date	
						Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
50	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	Kgs	37.80	84.24	3184.27			37.80	84.24	3184.27	37.80	3184.27
51	KSRB 7.11:Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame of size 61.85x31.75mm bottom section 1.2mm thick,weight 0.695kg/m; sides and top sections 1.3 mm, thick, weight 0.659kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul	Sqm	1.80	4418.28	7952.90			1.80	4418.28	7952.90	1.80	7952.90

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			As per Schedule -B			Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate In Rs.	Amount	Qty	Amount
52	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity)	Nos	1.00	9144.36	9144.36			1.00	9144.36	9144.36	1.00	9144.36
53	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm	Sqm	34.12	2485.08	84784.72			34.12	2485.08	84784.72	34.12	84784.72
54	Providing and fixing of submersible single phase motoHP/3.7KW	Nos	1.00	12600.00	12600.00			0.00	12600.00	0.00	0.00	0.00
55	Bescom Deposite Charges	LS	1.00	35000.00	35000.00			1.00	35000.00	35000.00	1.00	35000.00
	Total				**7889825.93**					**7827157.73**		**7827157.73**
	Add KRIDL Charges 11%				**867880.85**					**860987.35**		**860987.35**
	Grand Total				**8757706.78**					**8688145.09**		**8688145.09**

8687464 8687464

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Engineer
Project division,Dasrahalli
BBMP Bangalore

Asst. Executive Engineer
Project division Dasrahalli
BBMP Bangalore

Asst. Executive Engineer
Project division, Dasrahalli Zone
BBMP, Bangalore

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